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Mrs. Wm. J. Hailey

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## LIBERIAN FERNS - W.J. Harley

	Collected by:			Others in Liberia
	Baldwin	Harley	Cook	
<i>Trichomanes batrachoglossum</i> Copel.			4 62 72	
<i>T. crenatum</i> v.d.B.	11492			
<i>T. erosum</i> Willd.	5103b.	F 105	75A	
	9585	F 106		
	9617a.			
	12202a.			
	12350a.			
<i>T. guineense</i> Afz.	9102	F 18		Cooper 38
	10669			Linder 1291
	11293			
	11376			
	12087			
<i>T. Liberiense</i> Copel.			2	
<i>T. mandioccanum</i> Raddi	9613	F 63		
		F 78		
<i>T. Mannii</i> Hk.	12201		75	
<i>T. pyxidiferum</i> L.	9501		6	
	95267			
	11368			
	11393			
	11394			
<del>"<i>T. rigidum</i> Sw."</del>				Linder 1291

<i>Hymenophyllum hirsutum</i> (L.) Sw.	11398
	11424

> <i>Cyathea Camerooniana</i> Hk.	6281	F 54
	6724	F 62
		F 85
> <i>C. Manniana</i> Hk.		F 55 ?
<i>C. sp</i> undetermined	10151	

	Baldwin	Harley	Cook	Others
Dryopteris afra Christ	6638	F 39A	# 1	
		F 42	3(sens lat)	
		F 50	7	
		F 70(near)	37(sens lat)	
		F 87	38 " "	
		F 88	39 " "	
			42 " "	
			92	
			93	
D. Curreri(Mett.) O Ktze.		F 58		
		F 59		
D. dentata (Forsk.) C. Chr.			159.	Linder 225
D. gongyloides (Schkur) O. Ktze.				Linder 477
<del>D. orientalis (Gmel.) C. Chr.</del>	<del>9399</del>		<del>8</del>	
= <i>Antrophyum</i> o.	<del>9858</del>		<del>9</del>	
			<del>10</del>	
D. protensa	6011	F 4	13	Linder 220
(Afz.) C. Chr.	6048	F 5	14	
	6093	F 35	16	Massey 50, 67.
	6298		55	
	6766		56	
	6796		57	
	9577		64	
	11379			
var speciosa(Mett.) C. Chr	6060	F 33	22	
	6293	F 92	23	
	6613		24	
	6741			
	6935			
	9099			
	12084			
toward var speciosa			20	
			21	
toward "var tripinnata"		F 75	18	
		F 102	19	
var fratern <sup>a</sup> (Mett.) C. Chr.			48	
			49	
D. striata(Schumach.) C. Chr.	6106	F 40	11	
		F 79		
D. sp		F 89	12	

Tectaria macrodonta (Fée) C. Chr	6248	F 61
		F 94

Mason says T. fernandensis (Bak) C. Chr.

coll. 7 May 4, 1949

Harley

	Baldwin	Harley	Cook	Others
<i>Bolbitis acrostichoides</i> (Afz.) Ching	7064	F 12	30	
	9482	F 56	31	
		F 77	67	
			68	
<i>B. auriculata</i> (Lam.) Ching	6709	F 76	34	
		F 111	41	
		F 114	83	
			84	
			138	
<i>B. gemmifera</i> (Hieron.) C. Chr.		F 15		
		F 86		
		F 120		
<i>B. Heudelotii</i> (Bory) Ching	6096		50	
			65	
			66	
			82	
<i>B. salicina</i> (Hk.) C. Chr.			63 (near)	
			69	
<i>B. "sp. nov. near zeylanica"</i> Kew.				Linder without no.
<i>Oleandra africana</i> Bonap.	6908	F 10	52	Massey 56
	7062			
	12081			
<i>Arthropteris oblitterata</i> (R.Br.) J. Sm	6262		8	
<i>A. orientalis</i> (Gmel.) C. Chr.	9939		9	
	9956		10	
<i>Nephrolepis biserrata</i> (Sw.) Schott	5826	F 1	35	Linder 1161
	5848	F 3	36	Massey 55. 72
	6043	F 27	40	
			91	
<i>Nephrolepis cordifolia</i> (L.) Pr.	7075	F 2	5	Cooper 22
	9468			
	12082			
<i>Davallia denticulata</i> (Burm.) Mett.	9471	F 13		
<i>Microlepia speluncae</i> (L.) Moore		F 48	74	
		F 122	136	



	Baldwin	Harley	Cook	Others
<i>Diplazium Gilbertii</i> Christ		F 39		
<i>D. proliferum</i> (Lam.) Thouars	6329	F 74		
	6723			
<i>D. sp</i> related to <i>proliferum</i>			123	
<i>D. Zenkeri</i> Hieron ?			70	
			71	
<i>D. sp</i> undetermined		F 68		
		F 113		
<i>Asplenium africanum</i> Desv.	6037	F 29	77	Linder 58
	6107		100	
	9128		124	
	9461		125	
	11239		126	
			127	
<i>A. anisophyllum</i> Kze	9486		143	
<i>A. Barteri</i> Hk.	9616?	F 25	32	
	9628	F 65	45	
	6110		76	
	9919		79	
	11367?		85	
	11423		130	
	12095		131	
	12097		132	
	10235		133	
<i>A. brachypterum</i> Ktze.	9496	F 64		
	9588			
	10217			
<i>A. emarginatum</i> Pal. Beauv.		F 81		
<i>A. formosum</i> Willd.	9477			
	9954			
<i>A. hemitomum</i> Hieron.	9141	F 24	29	
	9922		106	
	10104		129	
	10249			
	10633			
	10723			
	10753			
<i>A. jaundeense</i> Hieron.	9985	F 67		
<i>A. paucijugum</i> Ballard	9558	F 66	129	
	9542		140	
	9478		141	
	10172		142	
<i>A. subauriculatum</i> Hieron. ?		F 98		
<i>A. subintegrum</i> C. Chr. ?	11371		134	
	12089?		135	
<i>A. variable</i> Hk.	6316			
	11333			
<i>A. sp</i>			145	
(similar to variable)			146	
			147	
<i>A. sp</i>	11384			
<i>A. sp</i>			144	
<i>A. sp</i>	7071			
<i>A. sp macrophyllum</i>	9470	F 101		
<i>A. sp</i>			148	
<i>A. sp</i>	12385			
<i>A. fulense</i> Bak				Linder 958
<i>A. normale</i> Don forma				Linder 85
				1144

	Baldwin	Harley	Cook	Others
<i>Stenochlaena elaphoglossoides</i> C. Chr.	6112	F 93	102	Linder 746
	6315			
	6388			
	10284			
<i>S. guineensis</i> (Kuhn) Und.	12092	F 26	58	
<i>Lomariopsis Rossii</i> Holttum ?			86	
			87	
			137	
<i>S. sp</i> (probably young <i>S. guineensis</i> )		F 121	46	
<i>S. sp</i>		F 97		
		F 97A		
<i>S. sp</i>	11369			
<i>S. sp</i>		F 57		
<i>Pityrogramma calomelanos</i> (L.) Link	5922	F 46		
	9106			
<i>Pellaea Doniana</i> (J. Sm.) Hk	7058	F 45		
<i>Adiantum tetraphyllum</i> Willd.	6510	F 38	59	
			60	
			158	
<i>A. Philippense</i> L.				Linder 831
<i>Pteris atrovirens</i> Willd.		F 119		
photos > <i>P. brevisora</i> Bak. <i>P. pteridioides</i> (Hk.) Ballard		F 83		
> <i>P. Burtoni</i> Bak.	6006	F 28	53	Linder 265
	6055	F 52	54	
			80	
			89	
			95	
			96	
			104	
			109	
<i>P. linearis</i> Poir.		F 41		
		F 84		
		F 109		
<i>P. quadriaurita</i> Retz.			88	
<i>P. spinulifera</i> Schumacher	6745	F 11	90	
<i>P. tripartita</i> Swartz	9428			
<i>P. sp</i>	6754			
<i>P. sp</i>			94	
<i>Histiopteris incisa</i> (Thbg.) J. Sm.		F 116	17	
> <i>Anisosorus occidentalis</i> (Bak.) C. Chr.		F 112		
<i>Lonchitis Curreri</i> (Hk.) Mett.	6282	F 60		Linder 640
	6763			
> <i>L. Mannii</i> (Bak.) same as <i>L. Curreri</i>		F 36	105	Linder 454
- <i>Pteris Mannii</i> Bak.			128	
<i>L. sp</i>	6035			
<i>Pteridium aquilinum</i> (L.) Kuhn		F 47	110	Cooper 21 Massey 65



	Baldwin	Harley	Cook	Others
<i>Vittaria guineensis</i> Desy.	6054	F 8	28	Massey 72
	6317		98	
	9094		108	
	9623			
	6989			
	10113 <sup>2325a</sup>			
	12080			
<i>Antrophyum Mannianum</i> Hk.	7063	F 100	33	
	9923		81	
	9963			
	10730			
	12096			
<i>Polypodium lycopodioides</i> L.	5938	F 21	27	
	6123		99	
	9400		117	
			118	
			119	
			120	
<i>P. punctatum</i> (L.) Sw.	6016	F 20	43	Linder 759
<i>P. sp.</i> near <i>lycopodioides</i>	10046			
<i>P. sp.</i>	11493			
<i>Microsorium Scolopendria</i> (Burm.) Copel.	5825	F 9	25	Massey 24
	6314		44	
	11491		101	
			121	
<i>M. punctatum</i> (L.) Copel	6016	F 20	43	Linder 759
<i>Xiphopteris serrulata</i> (Sw.) Kaulf.	11340		122	
	11381	---		
	11494			
	---			
<i>Loxogramma lanceolata</i> (Sw.) Pr.	9475		111	
	9649	F 80		
	9962			
	9442			
	10070			
<i>Dryneria Laurentii</i> (Christ) Hieron.	6398	F 49	115	
	6790			
	9219			
<i>Elaphoglossum Barteri</i> (Bak.) C. Chr.	9491			
	9955			
	10713			
<i>E. conforme</i> (Sw.) Schott		F 103		
<i>E. hirtum</i> (Sw.) C. Chr.	11422			
<i>Acrostichum aureum</i> L.	11043	F 117	113	Dinklage 1708
	11071		114	

	Baldwin	Harley	Cook	Others
<i>Platycterium stemaria</i> (Beauv.) Desv.	6302 6740 6961 7035 7090 10294	F 16	26 112 116	
<i>Ceratopteris thalictroides</i> (L.) Brongn.		1484	154	Linder 545
<i>Gleichenia linearis</i> (Burm.) Clarke	5843	F 53	107 153	
<i>Lygodium scandens</i> (L.) Sw.	5824 5992 9086	F 7	73 149 150 103	Linder 72 Massey 51, 78
<i>L. Smithianum</i> Presl	6019 10281	F 6	151	Linder 956 Massey 64
<i>Marattia fraxinea</i> Sm.	6242 6283 6442 6948 10729 10144 11358	F 34 F 69	152	Linder 1328 455
<i>Ophioglossum petiolatum</i> Hk.	9167 11245 11425	F 90	61 97	
<i>O. reticulatum</i> L.			47	
<i>Lycopodium carolinianum</i> L.	5845 11609	F 118		
<i>L. cernuum</i> L.	5842 5929 9097	F 32	51 78 155 156	Linder 244 Massey 49
<i>L. Warneckei</i> Hert. ( <i>L. Phlegmaria</i> )	9498 10288 10679 12174 11401	F 71	157	Linder 178 Bunting 109



	Baldwin	Harley	Cook	Others
Selaginella cathedriformis Spring	9576	F 19	86	
	10335			
	11339			
	11452			
	6103a			
S. molliceps Spring	6025		69	
	6288		83	
	9103		86a.	
	10068		162	
	10334		173	
S. nitens Baker	6101, 11454	F 22	52	
<del>S. abundant Spring</del>	6287, 10098	F 107		
S. myosurus (Sw.) Alston	5969	F 17	94	Linder 466
	5809	F 37	161	Cooper 42
	6216			Massey 51, 66, 71
	6746			
	6926			
	10855			
	12091			
S. versicolor Spring	6401	F 23	175?	
	6287			
	10098			
S. Vogelii Spring	6059	F 115	63	Linder 850
	6287a		104	
	12090		105	
			160	
S. species nr molliceps	S. leoneensis Herm.	F 108		
		F 108A		
S. species undetermined		F 123		
S. species undetermined	10348	S. subcordata A. Br.		
S. sp nr molliceps			68	
			86b	
			174	
			15	
S. denticulata (L.) Link				
Psilotum nudum (L.) Griseb.	11277			

+ S. Kallmayeri Baker

# Harley, Ferns of Liberia

Names according to

Christensen

Copeland

Trichomanes crenatum v. d. B.

erosum Willd.  
guineense Afz.  
liberiense Copel.  
mandioccanum Paddi  
Mannii Hook.  
pyxidiferum L.

same

Microgonium erosum (Willd.) Presl  
Selenodesmium guineense (Afz.)  
Didymoglossum liberiense Copel.  
Selenodesmium mandioccanum (Paddi) Copel.  
Gonocormus Mannii (Hook.)  
Vandenboschia pyxidifera (L.) Copel.

Polypodium hirsutum (L.) Sw.

Sphaerocionium hirsutum (L.) Presl

Cyathea, all species

no change

Dryopteris afra Christ

Currori (Mett.) O. Ktze.  
dentata (Forsk.) C. Chr.  
gongylodes (Schkuhr) O. Ktze.  
protensa (Afz.) C. Chr.  
var. speciosa (Mett.) C. Chr.  
var. fraterna (Mett.) C. Chr.  
striata (Schumacher) C. Chr.

Cyclosorus afra (Christ) Copel.  
Ctenitis Currori (Mett.)  
Cyclosorus dentatus (Forsk.) Ching  
" gongylodes (Schkuhr) Link  
Ctenitis protensa (Afz.) C. Chr.  
var. speciosa (Mett.)  
var. fraterna (Mett.)  
Cyclosorus striatus (Schumacher) Copel.

Acetaria macrodonta (Fée) C. Chr.

no change

Polbitis, all species

no change

Cleandra africana Bonap.

no change

Artocropteris, both species

no change

Nephrolepis, all species

no change

Davallia denticulata (Burm.) Mett.

no change

Microlepia speluncae (L.) Moore

no change

Diplazium Gilbertii Christ

proliferum (Lam.) Thouars  
Zenkeri Hieron.

Athyrium Gilbertii (Christ)  
Callipteris prolifera (Lam.) Bory  
Athyrium Zenkeri (Hieron.)

Asplenium, all species

no change

Stenochlaena elaphoglossoides C. Chr.  
guineensis (Kuhn) Underw.

Lomariopsis palustris (Hook.) Mett.  
" guineensis (Kuhn) Holttum

Pityrogramma calomelanos (L.) Link

no change

Pollaea Doniana (J. Sm.) Hook.

no change

Adiantum, all species

no change

Pteris, all species

no change

# Harley, Ferns of Liberia

Names according to

Christensen

Copeland

<i>Histiopteris incisa</i> (Thunb.) J. Sm.	no change
<i>Anisosorus occidentalis</i> (Bak.) C. Chr.	<i>Pteris occidentalis</i> (Bak.) Kuhn
<i>Lonchitis Curreri</i> (Hook.) Wett. ( <i>L. Mannii</i> (Bak.) )	<i>Pteris Curreri</i> Hook. ( <i>Pt. Mannii</i> Bak.)
<i>Pteridium aquilinum</i> (L.) Kuhn	no change
<i>Vittaria guineensis</i> Desv.	no change
<i>Antrophyum Mannianum</i> Hook.	no change
<i>Polypodium lycopodioides</i> L. <i>polycarpon</i> Cav. <i>scolopendria</i> Burm. <i>duale</i> Maxon <i>Loxogramme</i> Wett.	<i>Microgramma lycopodioides</i> (L.) Copel. <i>Microsorium punctatum</i> (L.) Copel. " <i>scolopendria</i> (Burm.) Copel. <i>Xiphopteris serrulata</i> (Sw.) Kaulf. <i>Loxogramme lanceolata</i> (Sw.) Presl
<i>Drynaria Laurentii</i> (Christ) Hieron.	no change
<i>Elaphoglossum</i> , all species	no change
<i>Acrostichum aureum</i> L.	no change
<i>Platycerium stercaria</i> (Beauv.) Desv.	
<i>Cerstopteris thalictroides</i> (L.) Brongn.	should be no change; Copeland is wrong, under present rules, in taking up <i>C. siligiosa</i>
<i>Gleichenia linearis</i> (Burm.) Clarke	<i>Dicranopteris linearis</i> (Burm.) Underw.
<i>Lygodium</i> , all species	no change
<i>Marattia fraxinea</i> Sm.	no change
<i>Ophioglossum</i> , both species	no change



FRENCH  
GUINEA



Trichomanes ~~Mandioccanum Raddi ?~~  
~~batrachoglossum Copel.~~

Harley F.63 On wet rocks Bilimu

F 78 Rocks by stream Bilimu

Baldwin 9613 Bilimu

These specimens differ from *T. stylosum* chiefly in having the lower pinnae large, instead of reduced.

See Mann 447

*Tardum Blot in 71 Guinea*

*Trichomanes erosum* Willd.

Harley	F 105	On dripping tree trunks with moss	Bilimu
	F 106	On dripping rocks mountain valley	Bilimu
Baldwin.	9585		Bobai Mountain (Bilimu)

Tardieu-Blot in French Guinea

Cook	75 A (a part of Cook's No. 75)	" <i>T. muscoides</i> "	Mt. Coffee
	Copeland cites Cook #506	See his fig. 34, 3 and 4	
Baldwin	6103 b.		Webo Dist.
	12350 a		Sino County
	9617 a.		Bilimu
	12202 a		Salala Dist.



LIBERIA  
Harley

Trichomanes guineense Afz.

- T.africanum Christ

- T.latisectum Christ

- T. batrachoglossum Copel.

Harley F 18

Hollow by spring

Ganta

Baldwin 9102

Tappita Dist

10669

Boporo Dist.

11293

Grand Bassa County

11376

Sino County

12087

Kolahun Dist.

Linder 1291

Cooper 38

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 4 "T. rigidum"

Mt. Coffee

62 " "

Suey

72 " "

Boporo

LIBERIA

Har ley

*Trichomanes crenatum* v.d.B.

(probably the species referred to by Baker on p.82 of the Synopsis, under discussion of *T. crispum*, as recently collected in West Africa by Barter and Mann)

Baldwin 11492

On high tree

Sino County

LIBERIA  
Harley

Trichomanes Liberiense Copel.

# 2  
Cook ~~Mar 1894~~ Mar 1894 "T. armatum s.n."  
Type Nat. Herb. 424785  
Plate 9, Copeland: Trichomanes

Mt. Coffee (near Monrovia)



LIBERIA  
Harley

Trichomanes [pyxidiferum L.]

*africanum* Christ fide Holton, letter of May 4, 1949

Baldwin 9501

Sanoquelle

11368

epiphytic

Sino county

11393

on shrub

Sino County

11394

on dead stick

Sino county

9526 ?(near)

on wet rocks

Sanoquelle

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 6 "T, monopodiale s.n."

Mt. Coffee

ask Ballant  
about false veins

Trichomanes Mannii Hk.

LIBERIA  
Harley

Cook 75

"T. metzgerioides s.n."

Tree trunks in forest

Mt. Coffee

Tardieu Blot in French Guinea

Baldwin 12201

Salala Dist.

LIBERIA  
Harley

Trichomanes: species reported from French Guinea  
in addition to those on Liberia list

Trichomanes cuspidatum Willd. - Chevalier

T. latilobum R. Bonap. - Chevalier

~~T. mandioccanum Raddi - Tardieu-Blot~~

~~T. Mannii Hk. - Tardieu-Blot~~

T. melanotrichum Schlecht. - Chevalier

T. Mettenii C. Chr. - Chevalier

T. <sup>a</sup>reptans Sw. - Chevalier



LIBERIA  
Harley

Hymenophyllum hirsutum (L.) Sw.  
-Hymenophyllum ailiatum Swartz

Baldwin 11398

Sino County

11424

on trees

Sino County

LIBERIA  
Harley

Cyathea Camerooniana Hk

Harley	F 54	trunk 5 feet, fronds 6 ft swamp, foot of mountain	Bilimu
	F 62	same height in mountain ravine	Bilimu
	F 85	same	Bilimu
Baldwin	6281	to 8 ft.	Webo Dist.
	6724	from stem 18 inches	Webo Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

LIBERIA  
Harley

*Cyathea Manniana* Hk.

Harley F 55 ?

Ravine N.E. of Bilimu  
Up to 25 or 30 feet. Habit of a slender palm  
Trunk and base of frond armed with stout thorns

Chevalier in French Guinea

LIBERIA  
Harley

Cyathea sp. ?

Baldwin 10151 (sterile)

Tree fern

Kolahun Dist.



Cyathea: species reported from French Guinea  
in addition to those on Liberia list

Cyathea Dregei Ktze. - Chevalier and Tardieu-Blot

Cyathea Deckenii Kuhn - Tardieu-Blot

Cyathea Laurentiorum - Tardieu Blot

Dryopteris afra Christ

D. elata (Mett.) C. Chr. (1906), not (Bak.) Ktze. (1891)

*D. elata (Mett.) Chr. (1906), not Ktze. (1891)*

Harley	F 39A	Secondary forest	Ganta
	F 42	Open hollow	Ganta
	F 50	Along edge of swamp	Ganta
	F 87	Roadside	Firestone Plantation
	F 88	Roadside	Firestone Plantation
	F 70 (sp. near afra)	Edge of forest	Ganta
Baldwin	6638 ?		Webo Dist.

Chevalier in French Guinea

Cook	#1	
	3	(sens lat)
	7	
	38	(sens lat)
	38	" "
	39	" "
	42	" "
	92	
	93	"N. pennigera"

Mt Coffee

*Dryopteris Currori* (Mett.) O. Ktze.

Harley F 58

In wet mountain ravine  
Proliferous at tip

Bilimu

F 59

In rocky stream bed

Bilimu

LIBERIA  
Harley

Dryopteris gongyloides (Schkuhr) O.Ktze

Linder 477 (identified at Kew)

Chevalier in French Guinea



*Dryopteris dentata* (Forsk.) C. Chr.  
- *D. mollis* (Jacq.) Hieron.

Linder 225 (identified at Kew)

Cook 159 "Nephrodium molle"

Mt. Coffee

LIBERIA

Harley

*Dryopteris striata* (Schumach.) C. Chr.

Harley F 40

In swamp.

Ganta

F 79

Swamp

Ganta

Baldwin 6106

6 ft high

Webo Dist.

Cook 11 "N. pallidivenium"

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Chevalier in French Guinea

Tardieu-Blot in French Guinea

Dryopteris sp.

(Lastrea)

Harley F 89

Roadside Firestone Plantation

very small sori, reniform pubescent indusium,  
under surface with golden glands and longish white hairs

Cook 12 "species novum"

Mt. Coffee, Mar 1894

*Dryopteris protensa* (Afz.) C. Chr.

Harley	F 4	Ground in forest	Ganta
	F 5	" "	Ganta
	F 33 var speciosa	Bank above stream	Ganta
	F 35	Shady hollow	Ganta
	F 75 toward "var. tripinnata"	Mountain ravine	Bilimu
	F 92 var speciosa	Shady hillside	Ganta
	F 102 toward "var tripinnata"	Mountainside	Bilimu
Baldwin	6011		Firestone Plantation
	6048		Webo Dist.
	6093		Webo Dist
	6293 var speciosa		Webo Dist.
	6298		Webo Dist./
	6613 var speciosa		Webo Dist.
	6060 var speciosa		Webo Dist.
	6741 var speciosa		Tchien Dist.
	6766	a series; by path in high forest	Tchien Dist.
	6796		Tchien Dist.
	6935 var speciosa		Tchien Dist.
	9099 var speciosa		Tappita Dist.
	9577		Bobai Mt. (Bilimu)
	11379		Sinoe County
	12084 var speciosa		Ganta
Linder	220		
Massey	50 67		
Chevalier in French Guinea			
Tardieu-Blot in French Guinea			
Cook	13, 14, 15, 16, 17, 57, 56, 64,		Mt Coffee
	18, 19, toward "var tripinnata"		Wt. Plains
	20, 21, toward var speciosa		Mt. C. and Monrovia
	22, 23, 24, (true) var speciosa (Mett.) C. Chr.		Mt. Coffee
	48, 49, var fraternum (Mett.) C. Chr.		Wt. Plains



Dryopteris: species reported from French Guinea and Ivory Coast  
in addition to species on Liberia list.

- |  |                               |
|--|-------------------------------|
| D. <sup>a</sup> athmantica (Kze) O. Kze.           | - Chevalier and Tardieu-Blot  |
| <del>D. <sup>a</sup>athmantica (Kze) O. Kze.</del> |                               |
| D. cirrhosa (Schumacher) O. Ktze                   | - Chevalier and Tardieu-Blot  |
| D. distans (Hk.) O. Ktze                           | - Tardieu-Blot                |
| D. filix mas L. subsp. oligodonta                  | - Chevalier                   |
| - D. elongata                                      | - Tardieu-Blot                |
| - <i>D. oligantha</i> (Desv.) C. Chr.              |                               |
| D. guineensis Christ                               | - Chevalier                   |
| D. Gueintziana (Mett.) D. Chr.                     | - Chevalier                   |
| - D. proluxa (Willd.) O. Ktze                      |                               |
| D. parasitica (L.) O. Ktze.                        | - Chevalier and Tardieu-Blot  |
| D. prolifera (Retz.) O. Ktze.                      | - Chevalier and Tardieu-Blot  |
| D. obtusiloba ( <del>Desv.</del> ) C. Chr.         | - Chevalier                   |
| - D. Bergiana (Schlect.) O. Ktze                   |                               |
| D. securidiformis (Hk.) C. Chr.                    | - Chevalier and Tardieu-Blot. |
| D. tomentella C. Chr.                              | - Tardieu-Blot                |
| D. trachyrachis Christ                             | - Chevalier                   |
| D. Vogelii (Hk.) C. Chr.                           | - Chevalier and Tardieu-Blot. |

LIBERIA  
Harley

*T. fernandensis* (Bald.) C. Chr. fide Holton, letter of May 4, 1949  
*Tectaria macrodonta* (Fée) C. Chr.

Harley F 61

Mountain ravine

Bilimu

F 94

By stream

Kakata

Baldwin 6248

Webo Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Tectaria: species reported from French Guinea  
in addition to those on Liberia list.

Tectaria Buchholzii (Kuhn) C. Chr. - Chevalier

Tectaria nigrescens (Mett.) C. Chr. - Chevalier

LIBERIA  
Harley

Bolbitis <sup>SN</sup> sp near zeylanica

Linder ~~SN~~ no number



*Bolbitis gemmifera* (Hieron.) C. Chr.

Harley F 18

By forest trail. Ganta

F 86

Forest.

Ganta

F120

Forest

Bilimu

LIBERIA  
Harley

Bolbitis ~~ac~~rostichoides (Afz.) Ching

Harley	F 12	Forest hillside.	Ganta
	F 56	Wet mountain ravine	Bilimu
	F 77	Wet ravine.	Bilimu
Baldwin	7064	On rock	Tchien
	9482	On rocks in stream	Sanoqua le Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook	30	"Acrostichum virens"	Mt. Coffee
	31		"
	67		"
	<del>68</del> 168		"

*Bolbitis auriculata* (Lam.) Ching

Harley , F 76

On mountain side Bilimu

F 111

Rocky hillside Bilimu

F 114

Rocky stream-bed Bilimu

Baldwin 6709

Webo Dist.

Cook 34

41 "*Acrostichum punctulatum*"

Mt. Coffee

~~83~~  
167

"

84

"

138

Mt. Coffee

*Bolbitis salicina* (Rk.) C. Chr.

Cook /69

Mt. Coffee

/63 - sp near *salicina*

Chevalier in French Guinea  
Tardieu Blot " "

*Bolbitis Heudelotii* (Bory) Ching ex C. Chr.

Baldwin 6096

On rocks in stream Bebo Dist.

Chevalier in French Guinea

Tardieu-Elot in French Guinea

Cock	50		Mt. Coffee
	82	Submerged in running stream	Mt. Coffee
	66	on rocks in stream	Mt. Coffee
	65	partly submerged	Mt. Coffee

The plants growing submerged show striking differences from those growing in the more normal habitat, being of very thin texture, and more or less deeply cut and dissected



Bolbitis: additional species reported from French Guinea,  
not from Liberia

B. alienus (Sw.)C.Chr. Chevalier

B. ~~calicina~~ (Hk.)C.Chr. Chevalier and Tardieu-Blot

LIBERIA  
Harley

*Oleandra africana* R. Bonap.

Harley F 10 On oil palm Ganta

Baldwin 6908 Tchien Dist.

7062 Tchien Dist

12081 Ganta

Chevalier in French Guinea

Cook <sup>171</sup><sub>52</sub> *O. africana*, or *O. neriiformis* Cav. --

Massey 56

LIBERIA  
Harley

Oleandra: species reported from French Guinea,  
not from Liberia

O. neriiformis --Tardieu-Blot

*Arthropteris oblitterata*(R.Br.)J.Sm.

Baldwin 6262

Webo Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

LIBERIA  
Harley

Arthropteris orientalis (Gmel.) C. Chr.  
-Dryopteris orientalis (Gmel.) C. Chr.

Baldwin 9399

On cola tree

Sanoquelle Dist.

9956

Vonjama Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 8 "Nephrolepis muralis s.n."  
Found only on stone walls

Monrovia

9

"

10

"



*Nephrolepis biserrata*(Sw.)Schott

Harley	F 1	On oil palm	Ganta
	F 3	Common, on palms	Ganta.
	F 27	Terrestrial, forest to 6 ft.	Ganta
Baldwin	5826		Monrovia
	5848		near Monrovia
	6043		Webo Dist.
Linder	1161		
Massey	55, 72		
Chevalier in French Guinea			
Tardieu-Blot in French Guinea			
Cook	35	"N. acuta"	--
	36		
	40		Mt. Cofee
	91.		

LIBERIA  
Harley

*Nephrolepis cordifolia* (L.) Pr.

Harley F 2

On oil palm

Ganta

Baldwin 7075

On rock

Tchien

12082

Ganta

9468

Sanoquelle Dist.

Cooper 22

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 5

Monrovia July 1894

~~713~~

Nephrolepis: species reported from French Guinea  
, in addition to those of Liberia list.

Nephrolepis exaltata (L.)Schott - Chevalier

LIBERIA  
Harley

*Davallia denticulata* (Burm.) Mett

Harley F 13

On oil palm in clearing

Ganta

Baldwin 9471

On tree

Sanoquelle Dist.

Chevalier in French Guinea

Tardieu Blot in French Guinea.

*Microlepia speluncae* (L.) Moore

Harley F48

Shaded hollow

Gata

F 122

Beside stream in shade  
Fronds to 8-10 ft.

Firestone  
Plantation

More pubescent than F 48

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 74 "Davallia speluncae"

Mt. Coffee

136

" "



LIBERIA  
Harley

Diplazium Gilbertii Christ

Harley

F 39

Edge of stream, inundatable

Ganta

LIBERIA  
Har ley

*Diplazium proliferum* (Lam.) Thouars

Harley F 74

Damp ravine

Bilima

Baldwin 6329

"Tree fern, with plantlets  
along the rachis"

Webo Dist.

6723

Stems 3-4 inches high

Webo Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

LIBERIA ferns  
Harley

Diplazium sp related to proliferum(Lam.)Thouars

Cook 123

"Asplenium decussatum "

Mt. Coffee

Two plants only found at edge of forest  
Both are young but seem different from  
D. proliferum

LIBERIA ferns  
Harley

Diplazium Zenkeri Hieron ?

Cook 70

Mt. Coffee

71

Boporo

LIBERIA  
Harley

Diplazium sp undetermined

Harley      F 68

Damp ravine

Bilimu

F 113

Mountai nside

Bilimu



LIBERIA  
Ferns- Herley

Diplazium: species reported from French Guinea, not on Liberia list

D. arborescens (Bory) Sw. - Chevalier and Tardieu-Blot

D. Bommeri Christ  
- D. Samatii Kuhn - Chevalier and Tardieu-Blot

*Asplenium africanum* Desv.

Harley F 29

Epiphytic on forest tree

Ganta

Baldwin 6037

Webo Dist.

6107

Webo

9128

Gbanga Dist.

9461

Sanoquelle Dist.

11239

Grand Bassa Cty.

Linder 58

Chevalier in French Guinea

Ta dieu-Blot in French Guinea

Cook 77

"*A. distans* s.n."  
"nr serratum"

Mt. Coffee

100

Muhlenburg

124

Mt. Coffee

125

Monrovia

126

White Plains

127

Mt. Coffee

LIBERIA  
Harley

*Asplenium anisophyllum* Kze.

Baldwin 9486 ?

On tree

Sanoquelle Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 143

Mt. Coffee

Asplenium Barteri Hk.

Harley F 25

On forest tree

Ganta

Harley F 65

On live or dead wood

Bilimu

Baldwin 9616 ?

Bobai Mt  
(Bilimu)

9628

Bobai Mt.

6110

Webo

9919

Vonjama

10235

Kolahun Dist.

11367 ?

Sino County

12095

Boporo Dist.

12097

Boporo Dist.

11423

Sino County

Tardieu-Blot in French Guinea

See Cookn numbers on separate sheet

---

(Asplenium Barteri Hk. 2nd sheet.)

Cook 32 "A. liber s.n."

45

76

79

85

130

131

On trunks of trees.

Mt. Coffee

132

Wt. Plains

133

Mt. Coffee

*Asplenium brachypteron* Kze.

Harley F 64

On old stumps and vines  
in forest.

Bilimu

Baldwin 9496

On wet rocks

Sanoquelle

9588

Bobai Mt.  
(Bilimu)

10217

Kolahun Dist.



LIBERIA  
Harley

*Asplenium formosum* Willd.

Baldwin 9477

Sanoquelle Dist.

9954

Vonjama Dist.

Chevalier in French Guinea

Tardieu Blot in French Guinea

LIBERIA  
Harley

*Asplenium hemitomum* Hieron.

Harley F 24 On dead log in forest Ganta

Baldwin 9141 Gbanga Dist.

9922 Vonjama Dist.

10104 Vonjama Dist.

10249 Kolahun Dist.

10633 Boporo Dist.

10723 Gola Forest

10753 Cape Mt. County

Chevalier in FrenchGuinea

Cook 29

106

plentiful

Suey 4-92

129

scarce

Mt. Cofee 3-94

LIBERIA  
Harley

*Asplenium emarginatum* Pal. Beauv.

Harley F 81

Edge of swamp Bilimu

Chevalier in French Guinea

LIBERIA  
Harley

*Asplenium jaundeense* Hieron.

-*Asplenium dimidiatum* var. *Zenkeri* Hieron.

Harley F 67

Fallen from high tree

Bilimu

Baldwin 9985

Vonjama Dist.

Tardieu Blot in French Guinea

LIBERIA  
Harley

*Asplenium paucijugum* Ballard

Harley F 66 ?

Forest floor,  
proliferous

Bilimu

Baldwin 9558 ?

Sanoquelle

9542 ?

Sanoquelle

9478 ?

Sanoquelle Dist.

10172 ?

Kolahun Dist.

Cook 139 "A. varipes"

Mt. Coffee

140

" "

141

" "

142

" "

LIBERIA  
Harley

Asplenium sp.

~~Similar to~~ *A macrophyllum*

Baldwin 11384

Sinoe County



LIBERIA  
Harley

Asplenium sp.

*A. macrophlebium* Bah. fide Holton, letter of May 4, 1949

Harley

F 101

On rocks and humus  
Deep green

Billim

~~Harley~~ Baldwin

9470

Sanoquelle Dist.

LIBERIA  
Harley

Asplenium ~~##~~ variabile Hk.?

Similar to *A. paucigugum*  
Lfs narrow, and undivided (?)

Baldwin 6316

On rocks in stream

Webo Dist.

11333

On rock in stream

Sinoe County

Tardieu Blot in French Guinea.

LIBERIA  
Harley

Asplenium ~~sp.~~ subauriculatum Hieron ?

short, thick sori  
like A. anisophyllum, few pinnae

Harley

F 98

Epiphytic

Bilimu

314

Asplenium sp undetermined

Cook	<del>/144/</del>	<del>//A sessile s.n.//</del>	<del>///Mt. Coffee</del>
	↓	similar to <del>A</del> variabile, but shows no indication of lobing.	large series
	145	"A. sessile s.n."	Mt. Coffee"
	146		" 2
	147		" "

LIBERIA  
Harley

Stenochl<sup>a</sup>ena sp undetermined

has both undivided and pinnate fronds

Harley F 97

Climbing on rocky ledge, forest. Bilimu

F 97A

Climbing on small trees. Bilimu

*Stenochlaena elaphoglossoides* C. Chr.  
- *Elaphoglossum palustre* (Hk.) J. Sm.

Harley	F 93	(sterile)	Muddy river bank	Kakata
Baldwin	6112		On rocks in stream	Webo Dist.
	6315		On rocks in stream	Webo Dist.
	6388		On rocks in stream	Webo Dist.
	10284			Boporo Dist.
Linder	746			
Chevaliër in French Guinea				
Tardieu-Blot in French Guinea				
Cook	102	" <i>Acrostichum palustre</i> "		Mt. Coffee



*Pityrogramma calomelanos* (L.) Link

Harley F 46

on gravel bank outside town. Dinamu, Sanoquelle  
Dist.

Baldwin 5922

Harbel

9106

Tappita

Tardieu-Blot in French Guinea

LIBERIA  
Harley

Pellea Doniana (J.Sm.) Hk.  
^

Harley F 45

Shady rocky hillside

Genta

Baldwin 7058

On rock outcrop

Tchien

Chevalier in French Guinea

Tardieu-Blot in French Guinea

ADIANTUM tetraphyllum Willd.

Harley F 38

Edge of stream ,Ganta

Baldwin 6510

Webo Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 59

White Plains

60

Suey

158

Mt Coffee

Adiantum philippense L.

Linder 831

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Adiantum: additional species collected from French Guinea  
not from Liberia

A. caudatum - Chevalier

A. Schweinfurthii - Tardieu-Blot

LIBERIA  
Harley

Asplenium ~~sp.~~ subintegrum C. Chr.?

*subsimple frond*

Baldwin 11371

Sinoe County

12089 ? (young)

Kolahun Dist.

Cook 134 "A. ellipticum"

ML Coffee

135

" "



LIBERIA ferns  
Harley

Asplenium sp undetermined

Cook 144

"A. gemmiferum"

Mt. Coffee

general appearance of A. anisophyllum, but  
sori not short and thick.

~~333333 borne not only near the apex, but also on segments  
along the mid section of frond.~~

LIBERIA  
Harley

**Asplenium sp.**

related to *A. platyneuron*

perianth variously cut

of

the same

Baldwin 7071

On rock

Tchien

LIBERIA ferns  
Harley

Asplenium sp unidentified

Cook 148

" A. s.n.?"

A much beloved ~~abnormal~~ individual,  
Cook does not mention whether it was found  
in a stream or any unusual situation

LIBERIA  
Harley

Asplenium sp.

Baldwin 12325 a.

A very young fern, with mosses on tree

*this is Vittoria guineensis*

LIBERIA  
Harley

Asplenium normale Don forma

(Kew)

Linder 85

1144

Liberia  
Harley

*Asplenium efulense* Bak.

Linder            958

Asplenium : additional species reported from French Guinea  
not in Liberia list.

Asplenium amazonicum	Christ	-Chevalier
A. Christii	Hieron	- Tardieu Blot
A. dimidiatum	Sw.	- Tardieu Blot
> A. erectum	Bory	- Chevalier
A. gemmifera	Schrad.	- Tardieu-Blot
A. hypomelas	Kuhn	- Chevalier and Tardieu Blot
> A. laetum	Sw.	- Chevalier and Tardieu-Blot
A. longicauda	Hk	- Chevalier
A. Mannii	Hk	- Chevalier and Tardieu-Blot
A. megaluria	Hieron.	- Chevalier and Tardieu-Blot
A. premorsum	Sw.	- Chevalier and Tardieu-Blot
A. protensum	Schrad.	- Tardieu-Blot
A. unilaterale	Lam.	- Chevalier and Tardieu-Blot
<del>A. variable</del>	<del>Hk</del>	<del>- Tardieu-Blot</del>
A. Schnellii		- Tardieu-Blot



*Stenochl<sup>a</sup>ena guineensis* (Kuhn)Und.

*Lomariopsis Rossii* Holttum , Kew Bull.625,1939

Harley F 26

Clinging to saplings in forest Ganta

Baldwin 12092

Boporo Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 58 "Acrostichum sorbifolia"

Mt. Coffee

~~86~~ 166

" "

87

" "

137

" "

LIBERIA  
Harley

*Stenochlaena* sp (very probably young fronds of *S.guineense*)

Harley 121

On sapling in forest  
( Winged rachis)

foot of Bilimu

Cook 46

" "

Mt. Coffee

LIBERIA  
Harley

Stenochl<sup>a</sup>ena sp undetermined  
A

Baldwin 11369

Climbing

Sinoe Cty.

LIBERIA

Stenoch<sup>a</sup>lena sp undetermined

Harley F 57

Edge of swamp Bilimu  
(sterile frond has 15 undivided pinnae)

LIBERIA  
Harley

*Pteris atrovirens* Willd.

Harley      F 119

In edge of swamp.      Sakimpa  
Sanoquelle Dist.

Chevalier in French Guinea

~~Pteris aethiopica~~ Christ ?  
or P. Johnsoni Baker ?  
→ P. Burtoni Baker

Harley F 28

Forest Ganta

F 52

Shady ravine Ganta

Baldwin 6006

Firestone Plantation

6055

Webo Dist.

Linder 265 (identified as P. Johnsoni Baker, at Kew)

Cook 53 "Pteris protea s.n."

54

80

89

95

Mt. Coffee

96

Wt. Plains

~~104~~  
164

109

Suey

LIBERIA  
Har ley

*Pteris linearis* Poir,

Harley

F 41

Rocky hill

Ganta

F 84

Sunny hill

Bilimu

F 109

Sunny hill

Bilimu



LIBERIA  
Harley

*Pteris pteridioides* (Hk.) Ballard  
*Pteris brevisora* Bak.  
see note Kew Bull. 348, 1937

Harley      F 83

Hill in forest

Bilimu

LIBERIA  
Harley

*Pteris quadriaurita* Retz

Cook      88      "Pt. quadriaurita"

Monrovia

Chevalier in French Guinea

Tardieu-Blot in French Guinea

*Pteris spinulifera* Schumacher.

Harley F 11

Forest hillside Ganta

Baldwin. 6745

Tchien Dist.

Cook 90

LIBERIA  
Harley

*Pteris tripartita* Swartz

Baldwin 9428

Sanoquelle Dist.

Chavelier in French Guinea

LIBERIA ferns  
Harley

*Pteris* sp undetermined

Cook     170  
          94     "*Pt. atrovirens*"  
                 A young plant

White Plains

LIBERIA  
Harley

*Pteris* species undetermined

Baldwin 6754

Tchien Dist.

LIBERIA  
Harley

Pteris; species reported from French Guinea,  
not on Liberia list.

Pteris biaurita L.            - Chevalier  
                                 Tardieu-Blot

Pt. similis Kuhn            p Chevalier  
                                 Tardieu-Blot



LIBERIA  
Harley

*Histiopteris incisa* (Thbg.) J.Smith

Harley F 116

Roadside

Sanoquelle Dist.: Sakimpa

Chevalier in French Guinea

Cook 17

Mt Coffee

LIBERIA  
Harley

<sup>sp.</sup>  
Lonchitis ~~pubescens~~ Willd.

~~Harley~~ ~~1936~~

~~In shade, forming hummocks in swamp. Gambia~~

Baldwin 6035

Webo Dist.

LIBERIA  
Harley

*Anisosorus occidentalis* (Bak.) C. Chr.  
- *Lonchitis occidentalis* Bak.

Harley

F 112

On overhanging rocks in Mt. favine

Bilimu

Ballard:Kew Bull.348,1937 unites with this what had been called  
Pteris(Lonchitis) Mannii. see our other page.

LIBERIA  
Harley

Lonchitis ~~gleabra~~ // ~~Bory~~  
Currori (Hk.) Mett.

Harley F 60

Damp forest ravine.

Bilimu

~~F 112 young? On overhanging wet rocks Bilimu~~

Baldwin 6282

Webo Dist.

6763

Tchien Dist.

Linder 640

Chevalier in French Guinea

Tardieu-Blot in French Guines

UNITE THIS PAGE WITH L.Curreri  
Balard in Kew Bull.348,1937  
Lonchitis // Mannii (Bak.)  
- Pteris Mannii Bak.

LIBERIA  
Harley

Cook

~~105~~  
165

"Pteris Curreri var Barteri"

Mt.Coffee

128

" "

both specimens are young plants ~~and may be L.Curreri~~

Harley

F 36

In shade,forming hummocks in swamp

Ganta

Linder 454

*Pteridium aquilinum* (L.) Kuhn

Harley F 47

Along edge of forest, scandent over shrubs. Ganta

Cook 110

Open places

Mt. Coffee

Cooper 21

Massey 65

monocot

Chevalier in French Guinea

Tardieu Blot in French Guinea

LIBERIA  
Harley

*Vittaria guineensis* Desv.

Harley F 8

On oil palm

Ganta

Baldwin 6054

Webo Dist.

6317

Webo Dist

9094

Tappita

9623

Bobei Mt.

( Bilimu )

6989

Tchien Dist

10113

Vonjama Dist

12080

12325a

Massey 72

Ganta

monrovia

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 28 "V. lineata"

Mt. Coffee

108 "V. pendule s.n."

Mt. Coffee

98.

White Plains



*Antrophyum Mannianum* Hk.

Harley F 100

Epiphyte

Bilimu

Baldwin 7063

On rock

Tchien

9923

Vonjama

9963

Vonjama Dist.

12096

Boporo Dist.

10730

Cape Mount Ct.

Chevalier in French Guinea

Tardieu-Blot in French Guinea and Sierra Leone

Cook 33

"*A. Mannianum* "

on tree trunks 10 ft or more from ground

LIBERIA  
Harley

*Polypodium lycopodioides* L.  
var. *latifolium* Wk.

Harley F 21

On oil palm

Ganta

Baldwin 5938

Monrovia

6123

Epiphytic

Webo Dist.

9400

On cola tree

Sanoquelle Dist.

Chevalier in French Guinea

Cook 27

ons tone wall

Monrovia

117

"

118

"

119

Mt. Coffee

120

Monrovia

99

Muhlberg

LIBERIA  
Harley

~~Microsorium~~

~~polycarpon (Cav.)~~  
Microsorium punctatum (L.) Copel  
- Polypodium ~~punctatum (L.) Sw.~~  
polycarpon Cav.

Harley F 20

Forest epiphyte

Ganta

Baldwin 6016

Firestone Plantation

Linder 759

Cook 43 "P. iriodes" epiphytic

Monrovia

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Microsorium Scolopendria (Burm.) Copel.  
Polypodium scolopendria Burm.

Harley F 9

On oil palm

Ganta

Baldwin 5825

Monrovia

6314

Webo Dist.

11491

Sino County

Massey 24.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 25

"Polypodium phymatodes"

Monrovia ?

101

Muhlenburg

121

monrovia

44.

LIBERIA  
Harley

Polypodium sp undetermined  
near lycopoides

Baldwin 10046

LIBERIA  
Harley

Polypodium sp.undetermined

*cf. villoides*

Baldwin11493

On high tree

Sino County

Polypodium : species reported from French Guinea  
in addition to those on Liberia list

Polypodium lanceolatum L. - Tardieu-Blot

P. lineare Thbg. - Chevalier

P. excavatum Bory - Tardieu-Blot

P. Nicklesi - Tardieu-Blot

P. oosorum - Tardieu-Blot

P. villosissimum Hk. - Tardieu-Blot

see Baldwin 11493



*Xiphopteris serrulata* (Sw.) Kaulf.  
- *Polypodium duale* Maxon

Baldwin 11340                      On high tree      Sino county

11381                      "      "      Sino County

11494                      "      "      Sino county

Cook 122                                      Mt. Coffee

Chevalier in French Guinea

LIBERIA  
Harley

*Loxogramma lanceolata* (Sw.) Presl

- *Loxogramme africana* Copel.

Harley F 80

On cola tree

Ganta

Baldwin 9475

Sanoquelle Dist.

9649

On cola tree

Ganta

9962

Vonjama Dist

10070

Vonjama Dist.

9442

Sanoquelle Dist.

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 111

LIBERIA

Harley

Loxogramme: species from French Guinea  
not in Liberia list

Loxogramme suberosa Christ

LIBERIA  
Harley

*Drynaria Laurentii* (Christ) Hieron.

Harley F 49

Epiphytic

Ganta

Baldwin 6398

Webo Dist.

6790

Tchien Dist.

9219

Firestone  
Plantation

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 115

"*Polypodium propinquum*"

Mt. Coffee

LIBERIA  
Harley

Elaphoglossum Barteri (Bak.) C. Chr.

Baldwin 9491

Sanoquelle Dist.

9955

Vonjama Dist.

10713

Gola Forest

LIBERIA  
Harley

*Elaphoglossum conforme* (Sw.) Schott

Harley F 103

Bilimu

*Elaphoglossum hirtum* (Sw.) C. Chr. ?

Baldwin	11422	(sterile)	Epiphytic	Since 6ty.
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Elaphoglossum: additional species reported from French Guinea, not from Liberia

E petiolatum	- Chevalier
E. Jaegeri	- Tardieu-Blot
E. sejunctum	- Tardieu-Blot



~~Ach~~rostichum aureum L.  
Chrysodium aureum Mett.

Harley	F 117	Tidal swamp near Monrovia	
Baldwin	11043	In brackish marsh, Monrovia	
	11071	Bushrod Island, Monrovia	
Dinklage	1708	Grand Bassa	
Cook	113	Mangrove swamps	Monrovia
	114	Among rocks on shore	"
		"A. maritimum s.n."	

Platycerium stemaria (Beauv.) Desv.

Harley F 16 In humus on tall palm tree Ganta

Baldwin 6302 Fallen from high tree Webo Dist.

674D On high tree. Tchien Dist.

6961 Tchien Dist.

7035 Tchien Dist.

7090 Tchien

10294 Fallen from forest tree. Boporo Dist.

Chevalier from French Guinea

Cook 26 On trees Monrovia ?

112 Muhlenburg

116 Monrovia ?

also noted at Boporo

Platyserium: Additional species from French Guinea  
not from Liberia

P. angolense - Chevalier  
Tardieu-Blot

LIBERIA  
Harley

*Ceratopteris thalictroides*(L.)Brongn.

Harley 1484

in drainage ditch

Firestone Plantation

Linder 545

Cook 154

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Chevalie in French Guinea

Tardieu-Blot in French Guinea

*Glâchenia linearis* (Burm.) Clarke

Harley F 53

Covering gravel banks by roadside Kitoma  
Sanoquelle Dist.

Baldwin 5843

near Monrovia

Chevalier in French Guinea

Tardieu-Blot in French Guinea

Cook 107

"*D. dichotoma*"

LIBERIA  
Harley

*Lygodium scandens* (L.) Sw.

Harley F 7

On shrubs in swamp Ganta

Baldwin 5824

near Monrovia

5992

Harper

9086

Tappita

Linder 72

Massey 51  
78

monrovia

"Skinner" - no number. (seen in h.y.)

Chevalier in French Guinea

Cook 73

"*L. scandens*"

Boporo

149

"*L. pinnatifidum*"

Mt. Coffee

150

White Plains

103

LIBERIA  
Harley

Lygodium Smithianum Pr.

Harley F 6

Over shrubs along path

Ganta

Baldwin 6019

Firestone Plantation

10281

Boporo Dist.

Linder 956

Massey 64

Monrovia

Chevalier in French Guiana

Tardieu Blot in French Guinea

Cook 151

----

Marattia fraxinea Sm.

Harley	F 34	3 ft high,damp hollow	Ganta
	F 69	to 12 ft high in mountain ravine	Bilimu
Baldwin	6242		Webo Dist.
	6283		Webp Dist.
	6442	To 10 ft high	Webo Dist.
	6948		Tchien Dist.
	10729	To 6 ft.	Cape Mount County
	10144		Kolahun Dist.
	11358	To 5 ft.tall	Sino County

Linder 1328

455

Chevalier in French Guinea  
Tardieu-Blot in French Guinea

Cook 152 "M. fraxinea"

Mt.Coffee



Marattia: species reported from French Guinea  
in addition to those on Liberia list

Marattia Chevalierii - Chevalier

M. odontosora Christ      0 Chevalier and Tardieu-Blot

*Ophioglossum petiolatum* Hk.

Harley F 90

edge of stream

Firestone Plantation

Baldwin 9167

beside highway

Salala Dist.

11245

Grand Bassa County

11425

Sino County

Chevalier in French Guinea

Cook 61

"*O. vulgatum*"

Suey

97

"

Muhlenburg?

LINERIA  
Harley

*Ophioglossum reticulatum* L

Cook 47 "O. vulgatum"

Mt. Coffee

Chevalier in French Guines

Ophioglossum: species reported from French Guiana  
in addition to those on Liberia list

O. fibrosum Schumach. - Chevalier

O. Gomezianum Welwitsch. Chevalier

~~O. reticulatum L. - Chevalier~~

LIBERIA  
Harley

*Lycopodium carolinianum* L.

Harley F 118

In savannah

near Monrovia

Baldwin 5845

near Monrovia

11609

Sino County

Chevalier in French Guinea

LIBERIA  
Harley

*Lycopodium cernuum* L.

Harley F 32 In swamp, pushing straight up through  
tangles of *Lygodium scandens* and  
*Selaginella scandens*

Ganta

Baldwin 5842

near Monrovia

5929

Firestone Plantation

9097

Tappita

Linder 244

Massey 49

Monrovia

Chevalier in French Guinea

Cook 51

Muhlenburg

78

White Plains

155

Mt. Coffee

156 abnormal individual

""

LIBERIA  
Harley

*Lycopodium Warneckeii* Hert.  
- *L. Phlegmaria*

Harley	F 71	Fallen from forest tree	Bilimu
Baldwin	9498	On tree overhanging Ya River	Sanoquelle Dist.
	10288	Fallen from tree	Boporo Dist.
	10679	Fallen from high tree	Boporo Dist.
	12174	Fallen from high tree	Bilimu
	11401	? Fallen from tree (leaves of thinner texture than other specimens)	Sino County
Linder	178	called <i>L. Phlegmaria</i> at Kew	
Bunting	109	(cited by Nessel)	Firestone Plantation
Chevalier in French Guinea			
Tardieu-Blot in French Guinea			
Cook	157		Boporo

LIBERIA  
Harley

Lycopodium: species reported from French Guinea  
not on Liberia list

Lycopodium Mildbraedii Hert. - Tardieu-Blot

Lycopodium (Urostachys) Jaegeri - Tardieu-Blot



LIBERIA  
Harley

*Selaginella cathedriformis* Spring

Harley F 19

close to ground

Ganta

Baldwin 9576

Bilimu

10335

On rock

Boporo Dist.

11339

Sino County

11452

Sino County

6103 a.

Webo Dist,

6025 25

on wet rocks

Webo Dist

Cook 86

Mt. Coffee

(L)Link  
Selaginella denticulata/ (or near)

✓  
Cook 15

Not reported from the continent. Question whether Cook could  
have picked it up on his way to Liberia

LIBERIA  
Harley

Selaginella molliceps Spring

Baldwin ~~6025~~ *See S. almonia* on ~~wet~~ rocks ~~Webo Dist.~~

6288 Webo Dist.

9103 Tappita Dist.

10068 Vonjama Dist

10334 on rock Boporo Dist

~~Harley 108 ? sp. near molliceps on rock Bilimu~~

Tardieu Blot in French Guinea

Cook	69	----
	83	---
	86a	Mt. Coffee
	162	---
	173	--

LIBERIA  
Harley

Selaginella sp near molliceps

*S. leoneensis* Hieron. fide Alston letter of March 8, 1949

Harley

F 108

on rock

Bilimu

F 168A

same

Bilimu

These two specimens, collected together differ from  
*S. molliceps* and from each other chiefly in the degree of ciliation.

LIBERIA  
Harley

Selaginella sp near molliceps

Cook 68

---

86b

Mt. Coffee

174

---

Weakly trailing, and rooting all along the stem

## LIBERIA

Harley

*Selaginella myosurus* (Sw.) Alston*Selaginella scandens* Spring

Harley #7	F 17	Climbing, roadside	Ganta
	F 37	Climbing on grass and shrubs	Ganta
Baldwin	5969		Harper
	5809		near Monrovia
	6216		Webo Dist.
	6746		Tchien Dist.
	6926		Tchien Dist.
	10855		near Fisherman's Lake
	12091		Boporo Dist.
Cook	94		-----
	161		Mt. Coffee
Linder	446		
Cooper	42		Firestone Plantation
Massey	51, 56, 71		Monrovia
Chevalier in French Guinea			
Tardieu Blot in French Guinea			

Selaginella nitens Baker

Harley F 22

On forest floor

Ganta

F 107

In damp ravine.  
dark green above, silvery below.  
brittle. Lower branchlets assume  
an angle with main axis, and are  
hard to flatten out in pressing

Bilimu

Baldwin 11454  
6101  
6287  
10098

Sino County  
Web o Dist  
Webo Dist  
Vonjama Dist.

Cook 52

----

according to Alston, letter of May 4, 1947, S. nitens is only  
a form of S. venusta.

LIBERIA  
Harley

Selaginella versicolor Spring

Harley F 23

forest floor

Ganta

~~Baldwin 6101~~

~~Webo Dist.~~

~~6287~~

(*S. nitens*)

~~Webo Dist.~~

~~10098~~

~~Vonjama Dist~~

Cook 175 ? young plants  
" *S. bulbosa* sp nov."

-----  
Mt. Coffee



LIBERIA  
Harley

Selaginella Vogelii Spring

Harley F 115

Forest floor

Sanoquelle Dist

Baldwin 6059

Webo Dist.

12090

Boporo Dist

6287A

Webo Dist.

Linder 850

Chevalier in French Guinea

Tardieu Blot in French Guinea

Cook 63

Boporo

104

Deep forest, with T. rigidum  
eaten by snails

Mt. Cd fee

105

---

160

---

LIBERIA  
Harley

Selaginella sp. undetermined

Baldwin 10348

on rock

Boporo Dist.

very short sub simple lateral branchlets

*S. subcordata* A. Br. fide Alston letter of March 8, 1949.

LIBERIA  
Harley

Selaginella sp

*S. Kallbreyeri* Baker fide Holton, letter of May 4, 1949.

Harley F 123

collected by Mr. Brigfield at (G)Bahn, in Sanoquelle Dist.

semi-erect, with some of the branches prolonged and proliferous

cf. *S. versicolor*

Selaginella: species reported from French Guinea  
not in Liberian list.

Selaginella rubricaula - Tardieu-Blot  
(S.rubricaulis A.Br. = S.molliceps Spring)

S. subcordata A.Br. - Chevalier

S. Zenkeri - Tardieu Blot

LIBERIA  
Harley

*Psilotum nudum* (L.) Griseb.

Baldwin 11277

On palm tree

River Ceas

Additional <sup>genera and</sup> species reported from French Guinea  
not in Liberia list.

Notholena inequalis	- Chevalier - Tardieu-Blot
Doryopteris concolor	- Chevalier - Tardieu-Blot
Aneimia sessilis Jeanpert	- Tardieu-Blot
Athyrium umbrosum	- Tardieu-Blot
Cyclophorus spissus	- Tardieu-Blot
Cheilanthes farinosa	- Tardieu-Blot
Osmunda regalis L	- Chevalier * Tardieu-Blot

4958 Honkenya Willd. ex Cothen, Dispos. Veget. Meth. 19 (1790) (teste Pfeiffer; not seen); in Usteri, Delect. Opusc. Bot. II. 200 (1793), as Honckenya.

versus

Honkenya Ehrh. Beitr. II. 180 (1788)

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Honkenya Ehrh. (1788) Caryophyllaceae

Accepted (with various spellings) by: Endl. Gen. Fl. 966 (1840);  
Lindl. Veg. Kingd. 498 (1847): and in rather numerous and important